

(19)



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Office européen des brevets



(11)

EP 0 811 789 A1

(12)

EUROPEAN PATENT APPLICATION

published in accordance with Art. 158(3) EPC

(43) Date of publication:

10.12.1997 Bulletin 1997/50

(51) Int. Cl.⁶: F16H 53/06

(21) Application number: 96938505.3

(86) International application number:
PCT/JP96/03390

(22) Date of filing: 20.11.1996

(87) International publication number:
WO 97/19278 (29.05.1997 Gazette 1997/23)

(84) Designated Contracting States:
DE FR GB

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(30) Priority: 21.11.1995 JP 302763/95
21.11.1995 JP 302765/95

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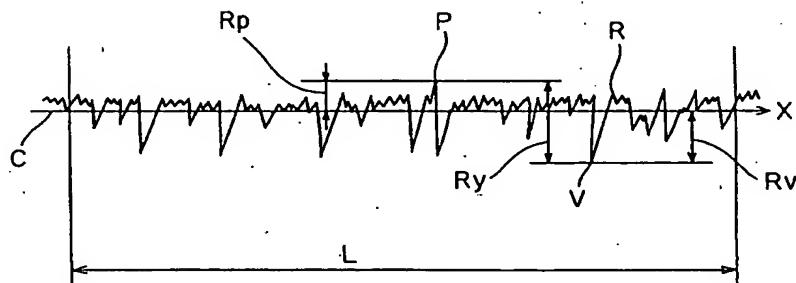
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(54) MECHANICAL PART

(57) A mechanical part having a rolling contact surface (11a) with many isolated minute recesses. A maximum height R_y of a roughness curve R obtained by cutting this contact surface (11a) with a plane perpendicular thereto is 1-3 μm , and a peak height R_p with respect to the center line of the roughness curve R and a valley depth R_v with respect thereto have the relation of $R_p/R_v \leq 0.3$. This indicates that the contact surface

(11a) has very low peaks of a relatively high distribution and very deep valleys of a relatively low distribution. Owing to the very low peaks of a relatively high distribution, a sufficiently wide contact area is secured. Owing to the valleys of a low distribution and a large depth, oil reservoirs of a sufficient capacity are formed.

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